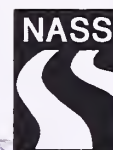


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Hogs and Pigs



National
Agricultural
Statistics
Service

USDA

Washington, D.C.

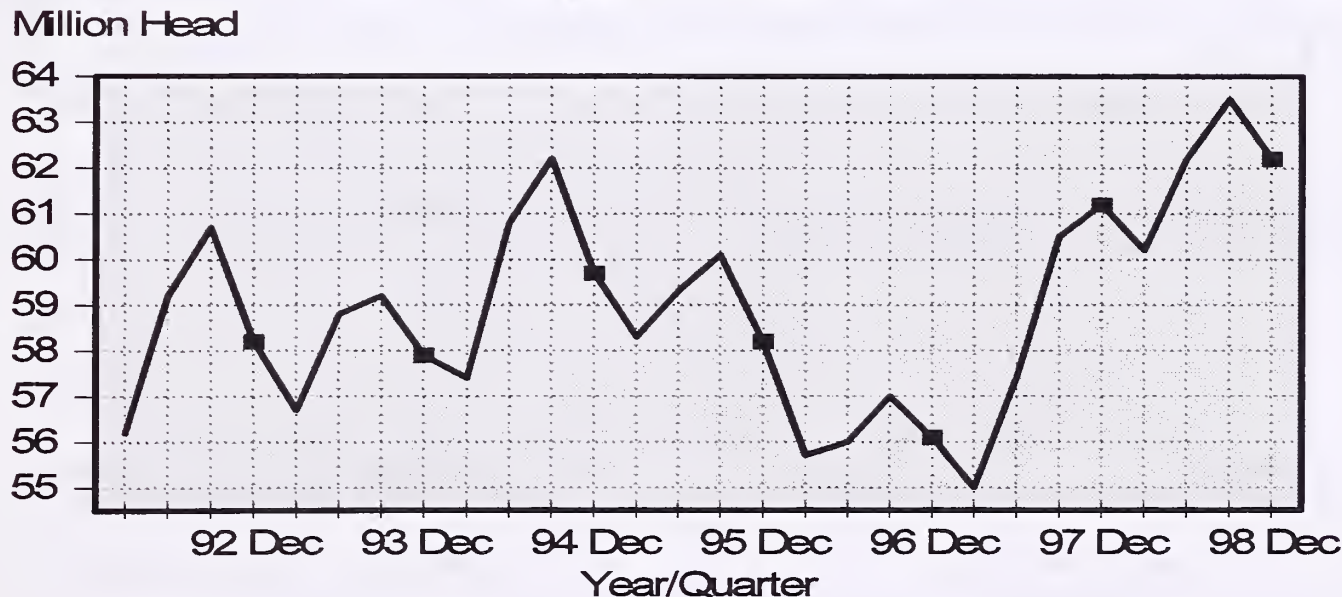
Released December 29, 1998, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Greg Matli at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

U.S. Hog Inventory Up 2 Percent

U.S. inventory of all hogs and pigs on December 1, 1998, was 62.2 million head. This was 2 percent above December 1997, but 2 percent below September 1, 1998.

Breeding inventory, at 6.67 million head, was down 4 percent from December 1, 1997 and down 3 percent from September 1, 1998. **Market hog inventory**, at 55.5 million head, was 2 percent above last year, but 2 percent below last quarter.

Quarterly Hogs and Pigs Inventory United States



The September-November 1998 U.S. pig crop, at 25.9 million head, was 2 percent more than 1997 and 11 percent more than 1996. Sows farrowing during this period totaled 2.99 million head, 2 percent above last year. The sows farrowed during this quarter represented 43 percent of the breeding herd. The average pigs per litter fell to an average of 8.65 pigs saved per litter for the September-November period, compared to 8.67 pigs last year. Pigs saved per litter by size of operation ranged from 7.20 for operations with 1-99 hogs to 8.90 for operations with more than 5,000 hogs and pigs.

U.S. hog producers intend to have 2.89 million sows farrow during the December 1998-February 1999 quarter, 1 percent below the actual farrowings during the same period in 1998 but 8 percent above 1997. Intended farrowings for March-May 1999, at 2.88 million sows, are 7 percent below the same period last year and 1 percent below 1997.

The number of hog operations with hogs totaled 114,380 during 1998, down 6 percent from last year and 20 percent below 1996. Places with 2,000 or more hogs on hand accounted for 6 percent of the operations and 64 percent of the inventory. This is the third time operations with inventories over 2,000 head have controlled over 50 percent of the total inventory. The number of operations with over 5,000 head of inventory, at 1,915 accounted for 42 percent of the total inventory. The total number of hogs under contract, owned by these over 5,000 head operations, but raised by contractees, accounted for 23 percent of the total U.S. hog inventory.

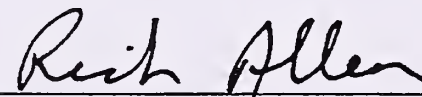
Revisions

All inventory and pig crop estimates for March 1998 through September 1998 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments of less than 1 percent were made to the inventory level for March 1, June 1, and September 1. Adjustments of less than one half percent were made to pig crops for December-February and March-May, however, the June-August pig crop was revised 1.4 percent.

This report was approved on December 29, 1998.

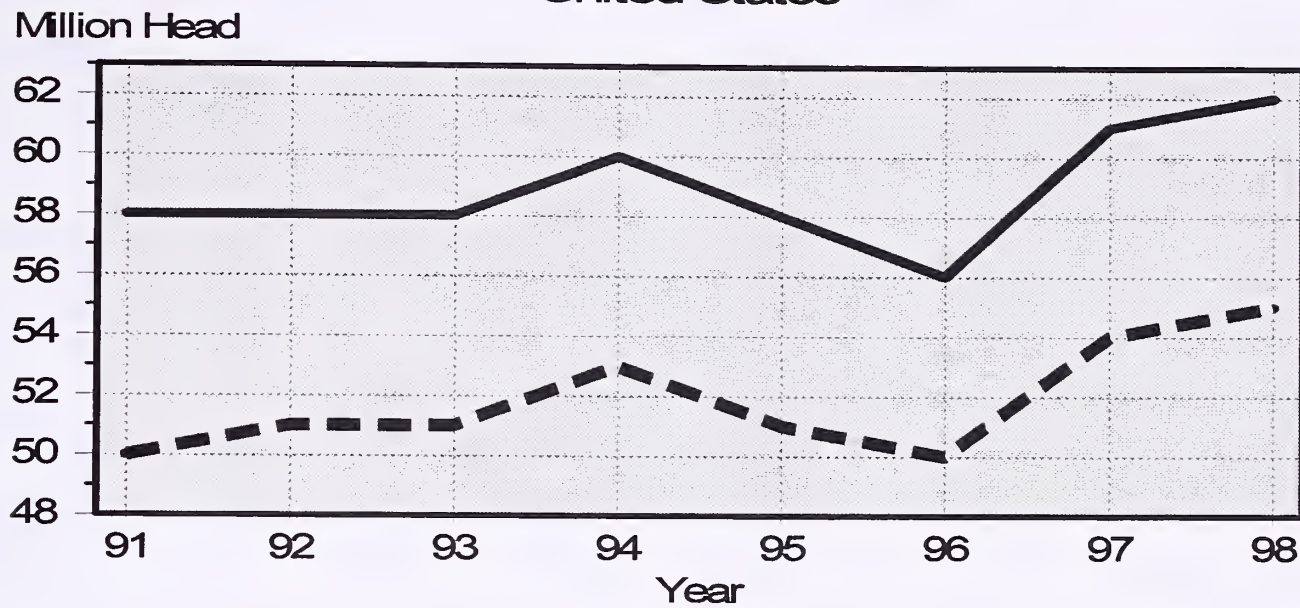


Acting Secretary of
Agriculture
Catherine E. Wotecki

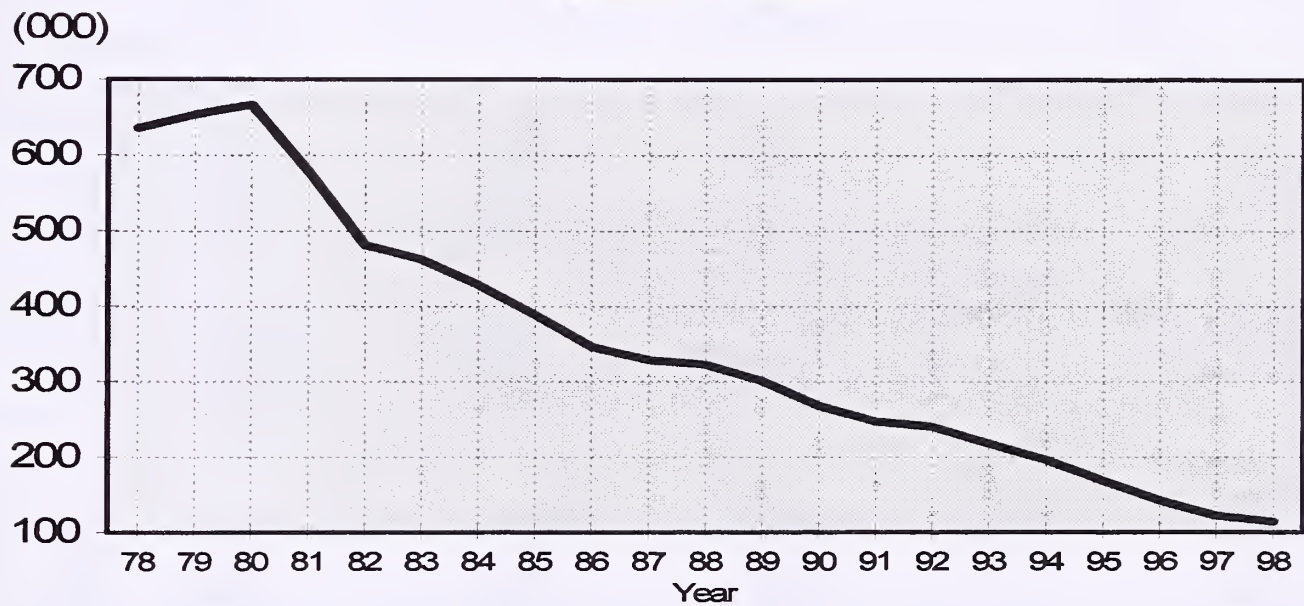


Agricultural Statistics Board
Chairperson
Rich Allen

December 1 Hog Inventory & Market Hogs United States



Number of Hog Operations United States



**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 1996-98 ¹**

| Item | 1996 | 1997 | 1998 | 1998 as % of | |
|--|-------------------|-------------------|-------------------|----------------|----------------|
| | | | | 1996 | 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Percent</i> |
| March 1 Inventory | | | | | |
| All Hogs and Pigs | 55,741 | 55,049 | 60,163 | 108 | 109 |
| Kept for Breeding | 6,701 | 6,637 | 6,942 | 104 | 105 |
| Market | 49,040 | 48,412 | 53,220 | 109 | 110 |
| Market Hogs and Pigs by Weight Groups | | | | | |
| Under 60 Pounds | 18,534 | 18,490 | 20,192 | 109 | 109 |
| 60-119 Pounds | 11,732 | 11,627 | 12,791 | 109 | 110 |
| 120-179 Pounds | 10,021 | 9,858 | 10,774 | 108 | 109 |
| 180 Pounds and Over | 8,754 | 8,437 | 9,464 | 108 | 112 |
| June 1 Inventory | | | | | |
| All Hogs and Pigs | 56,038 | 57,366 | 62,213 | 111 | 108 |
| Kept for Breeding | 6,682 | 6,789 | 6,958 | 104 | 102 |
| Market | 49,356 | 50,577 | 55,254 | 112 | 109 |
| Market Hogs and Pigs by Weight Groups | | | | | |
| Under 60 Pounds | 19,645 | 19,988 | 21,482 | 109 | 107 |
| 60-119 Pounds | 12,196 | 12,574 | 13,711 | 112 | 109 |
| 120-179 Pounds | 9,757 | 10,002 | 11,084 | 114 | 111 |
| 180 Pounds and Over | 7,759 | 8,013 | 8,978 | 116 | 112 |
| September 1 Inventory | | | | | |
| All Hogs and Pigs | 56,961 | 60,456 | 63,488 | 111 | 105 |
| Kept for Breeding | 6,577 | 6,858 | 6,875 | 105 | 100 |
| Market | 50,384 | 53,598 | 56,612 | 112 | 106 |
| Market Hogs and Pigs by Weight Groups | | | | | |
| Under 60 Pounds | 18,782 | 20,662 | 21,189 | 113 | 103 |
| 60-119 Pounds | 12,498 | 13,388 | 14,032 | 112 | 105 |
| 120-179 Pounds | 10,418 | 10,673 | 11,555 | 111 | 108 |
| 180 Pounds and Over | 8,687 | 8,875 | 9,837 | 113 | 111 |
| December 1 Inventory | | | | | |
| All Hogs and Pigs | 56,124 | 61,158 | 62,156 | 111 | 102 |
| Kept for Breeding | 6,578 | 6,957 | 6,672 | 101 | 96 |
| Market | 49,546 | 54,200 | 55,483 | 112 | 102 |
| Market Hogs and Pigs by Weight Groups | | | | | |
| Under 60 Pounds | 18,503 | 20,237 | 20,000 | 108 | 99 |
| 60-119 Pounds | 12,193 | 13,319 | 13,641 | 112 | 102 |
| 120-179 Pounds | 10,209 | 11,188 | 11,640 | 114 | 104 |
| 180 Pounds and Over | 8,641 | 9,457 | 10,203 | 118 | 108 |

¹ May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,
United States, 1996-99¹**

| Item | 1996 | 1997 | 1998 | 1999 | 1998 as % of | | 1999 as Percent of 1998 |
|------------------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|-------------------------------|
| | | | | | 1996 | 1997 | |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Sows Farrowing | | | | | | | |
| Dec-Feb ^{2 3} | 2,735 | 2,684 | 2,929 | 2,893 | 107 | 109 | 99 |
| Mar-May ³ | 2,930 | 2,911 | 3,086 | 2,884 | 105 | 106 | 93 |
| Dec-May ^{2 3} | 5,665 | 5,595 | 6,014 | 5,776 | 106 | 107 | 96 |
| Jun-Aug | 2,718 | 2,946 | 3,054 | | 112 | 104 | |
| Sep-Nov | 2,731 | 2,939 | 2,990 | | 109 | 102 | |
| Jun-Nov | 5,449 | 5,884 | 6,044 | | 111 | 103 | |
| Pig Crop | | | | | | | |
| Dec-Feb ² | 23,054 | 23,164 | 25,480 | | 111 | 110 | |
| Mar-May | 24,833 | 25,229 | 26,989 | | 109 | 107 | |
| Dec-May ² | 47,888 | 48,394 | 52,469 | | 110 | 108 | |
| Jun-Aug | 23,244 | 25,696 | 26,634 | | 115 | 104 | |
| Sep-Nov | 23,327 | 25,494 | 25,878 | | 111 | 102 | |
| Jun-Nov | 46,571 | 51,190 | 52,511 | | 113 | 103 | |
| | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Pigs per Litter | | | | | | | |
| Dec-Feb ² | 8.43 | 8.63 | 8.70 | | 103 | 101 | |
| Mar-May | 8.48 | 8.67 | 8.75 | | 103 | 101 | |
| Dec-May ² | 8.45 | 8.65 | 8.72 | | 103 | 101 | |
| Jun-Aug | 8.55 | 8.72 | 8.72 | | 102 | 100 | |
| Sep-Nov | 8.54 | 8.67 | 8.65 | | 101 | 100 | |
| Jun-Nov | 8.55 | 8.70 | 8.69 | | 102 | 101 | |

¹ May not add due to rounding.

² December preceding year.

³ Intentions for 1999.

Pigs per Litter: By Size of Operation, United States, 1997-98

| Pig Crop | Pigs per Litter on Operations Having | | | | | |
|----------------------|--------------------------------------|-----------------|-----------------|---------------------|---------------------|----------------|
| | 1-99 Head | 100-499 Head | 500-999 Head | 1,000-1,999 Head | 2,000-4,999 Head | 5,000+ Head |
| | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| 1997 | | | | | | |
| Dec-Feb ¹ | 7.00 | 7.60 | 7.90 | 8.20 | 8.40 | 8.70 |
| Mar-May | 7.60 | 7.90 | 8.20 | 8.40 | 8.60 | 9.00 |
| Jun-Aug | 7.50 | 7.90 | 8.20 | 8.50 | 8.70 | 9.00 |
| Sep-Nov | 7.40 | 8.10 | 8.40 | 8.60 | 8.80 | 9.00 |
| 1998 | | | | | | |
| Dec-Feb ¹ | 7.10 | 7.90 | 8.30 | 8.50 | 8.80 | 8.90 |
| Mar-May | 7.40 | 8.10 | 8.40 | 8.50 | 8.80 | 9.00 |
| Jun-Aug | 7.30 | 8.10 | 8.40 | 8.60 | 8.80 | 8.90 |
| Sep-Nov | 7.20 | 8.00 | 8.20 | 8.50 | 8.70 | 8.90 |

¹ December preceding year.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, December 1, 1997-98 ¹**

| State | Breeding | | | Market | | | Total | | |
|-------|-------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-------------------|-------------------|-----------------|
| | 1997 | 1998 | | 1997 | 1998 | | 1997 | 1998 | |
| | | Number | as % of 1997 | | Number | as % of 1997 | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AL | 20 | 15 | 75 | 170 | 175 | 103 | 190 | 190 | 100 |
| AK | 0.5 | 0.4 | 80 | 1.6 | 1.7 | 106 | 2.1 | 2.1 | 100 |
| AZ | 15 | 17 | 113 | 130 | 98 | 75 | 145 | 115 | 79 |
| AR | 110 | 110 | 100 | 750 | 640 | 85 | 860 | 750 | 87 |
| CA | 27 | 27 | 100 | 183 | 183 | 100 | 210 | 210 | 100 |
| CO | 160 | 180 | 113 | 630 | 690 | 110 | 790 | 870 | 110 |
| CT | 0.9 | 1.1 | 122 | 3.6 | 3.9 | 108 | 4.5 | 5.0 | 111 |
| DE | 4 | 5 | 125 | 26 | 26 | 100 | 30 | 31 | 103 |
| FL | 10 | 10 | 100 | 45 | 45 | 100 | 55 | 55 | 100 |
| GA | 70 | 60 | 86 | 450 | 370 | 82 | 520 | 430 | 83 |
| HI | 5 | 5 | 100 | 24 | 24 | 100 | 29 | 29 | 100 |
| ID | 4 | 4 | 100 | 26 | 23 | 89 | 30 | 27 | 90 |
| IL | 550 | 530 | 96 | 4,150 | 4,320 | 104 | 4,700 | 4,850 | 103 |
| IN | 460 | 450 | 98 | 3,490 | 3,600 | 103 | 3,950 | 4,050 | 103 |
| IA | 1,360 | 1,260 | 93 | 13,240 | 14,040 | 106 | 14,600 | 15,300 | 105 |
| KS | 200 | 170 | 85 | 1,330 | 1,420 | 107 | 1,530 | 1,590 | 104 |
| KY | 70 | 65 | 93 | 500 | 455 | 91 | 570 | 520 | 91 |
| LA | 5 | 5 | 100 | 27 | 25 | 93 | 32 | 30 | 94 |
| ME | 1.2 | 1.3 | 108 | 4.8 | 4.7 | 98 | 6.0 | 6.0 | 100 |
| MD | 11 | 7 | 64 | 74 | 58 | 78 | 85 | 65 | 77 |
| MA | 2.5 | 3.0 | 120 | 16.0 | 16.5 | 103 | 18.5 | 19.5 | 105 |
| MI | 130 | 120 | 92 | 900 | 1,000 | 111 | 1,030 | 1,120 | 109 |
| MN | 650 | 620 | 95 | 5,050 | 5,080 | 101 | 5,700 | 5,700 | 100 |
| MS | 28 | 30 | 107 | 192 | 245 | 128 | 220 | 275 | 125 |
| MO | 440 | 400 | 91 | 3,110 | 2,900 | 93 | 3,550 | 3,300 | 93 |
| MT | 20 | 19 | 95 | 160 | 171 | 107 | 180 | 190 | 106 |
| NE | 440 | 420 | 96 | 3,060 | 2,980 | 97 | 3,500 | 3,400 | 97 |
| NV | 1.0 | 1.0 | 100 | 6.5 | 6.5 | 100 | 7.5 | 7.5 | 100 |
| NH | 0.8 | 0.6 | 75 | 3.6 | 3.4 | 94 | 4.4 | 4.0 | 91 |
| NJ | 3.0 | 2.0 | 67 | 20.0 | 22.0 | 110 | 23.0 | 24.0 | 104 |
| NM | 1.2 | 1.3 | 108 | 4.8 | 4.7 | 98 | 6.0 | 6.0 | 100 |
| NY | 11 | 8 | 73 | 68 | 52 | 77 | 79 | 60 | 76 |
| NC | 1,000 | 1,000 | 100 | 8,600 | 8,700 | 101 | 9,600 | 9,700 | 101 |
| ND | 24 | 30 | 125 | 176 | 175 | 99 | 200 | 205 | 103 |
| OH | 210 | 200 | 95 | 1,490 | 1,500 | 101 | 1,700 | 1,700 | 100 |
| OK | 240 | 280 | 117 | 1,410 | 1,640 | 116 | 1,650 | 1,920 | 116 |
| OR | 5 | 5 | 100 | 30 | 25 | 83 | 35 | 30 | 86 |
| PA | 120 | 120 | 100 | 980 | 980 | 100 | 1,100 | 1,100 | 100 |
| RI | 0.6 | 0.7 | 117 | 2.2 | 2.3 | 105 | 2.8 | 3.0 | 107 |
| SC | 35 | 30 | 86 | 270 | 240 | 89 | 305 | 270 | 89 |
| SD | 160 | 130 | 81 | 1,240 | 1,270 | 102 | 1,400 | 1,400 | 100 |
| TN | 45 | 40 | 89 | 295 | 260 | 88 | 340 | 300 | 88 |
| TX | 75 | 80 | 107 | 505 | 560 | 111 | 580 | 640 | 110 |
| UT | 55 | 60 | 109 | 240 | 320 | 133 | 295 | 380 | 129 |
| VT | 0.6 | 0.8 | 133 | 2.3 | 2.7 | 117 | 2.9 | 3.5 | 121 |
| VA | 43 | 35 | 81 | 357 | 355 | 99 | 400 | 390 | 98 |
| WA | 6 | 5 | 83 | 33 | 32 | 97 | 39 | 37 | 95 |
| WV | 3.0 | 3.0 | 100 | 13.0 | 13.0 | 100 | 16.0 | 16.0 | 100 |
| WI | 105 | 85 | 81 | 635 | 605 | 95 | 740 | 690 | 93 |
| WY | 19 | 20 | 105 | 76 | 120 | 158 | 95 | 140 | 147 |
| US | 6,957 | 6,672 | 96 | 54,200 | 55,483 | 102 | 61,158 | 62,156 | 102 |

¹ May not add due to rounding.

**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, December 1, 1997-98 ¹**

| State | Under 60 Lbs. | | 60-119 Lbs. | | 120-179 Lbs. | | 180 Lbs. and Over | |
|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-------------------|
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AL | 60 | 72 | 40 | 38 | 40 | 35 | 30 | 30 |
| AK | 0.6 | 0.6 | 0.3 | 0.5 | 0.3 | 0.4 | 0.4 | 0.2 |
| AZ | 42 | 42 | 33 | 21 | 28 | 17 | 27 | 18 |
| AR | 295 | 200 | 165 | 165 | 155 | 150 | 135 | 125 |
| CA | 60 | 70 | 45 | 50 | 45 | 40 | 33 | 23 |
| CO | 300 | 335 | 115 | 120 | 105 | 120 | 110 | 115 |
| CT | 1.0 | 1.3 | 1.0 | 0.7 | 0.7 | 1.0 | 0.9 | 0.9 |
| DE | 10 | 6 | 6 | 6 | 5 | 5 | 5 | 9 |
| FL | 24 | 20 | 8 | 12 | 9 | 10 | 4 | 3 |
| GA | 165 | 145 | 130 | 100 | 100 | 75 | 55 | 50 |
| HI | 11 | 10 | 6 | 7 | 5 | 4 | 2 | 3 |
| ID | 10 | 8 | 7 | 6 | 5 | 5 | 4 | 4 |
| IL | 1,580 | 1,550 | 980 | 1,050 | 840 | 920 | 750 | 800 |
| IN | 1,230 | 1,370 | 880 | 840 | 760 | 780 | 620 | 610 |
| IA | 4,370 | 4,280 | 3,650 | 3,710 | 2,780 | 3,180 | 2,440 | 2,870 |
| KS | 580 | 535 | 260 | 290 | 260 | 280 | 230 | 315 |
| KY | 200 | 185 | 120 | 110 | 105 | 90 | 75 | 70 |
| LA | 11 | 10 | 6 | 7 | 5 | 5 | 5 | 3 |
| ME | 2.0 | 2.0 | 0.5 | 1.5 | 1.5 | 0.4 | 0.8 | 0.8 |
| MD | 33 | 14 | 17 | 11 | 13 | 12 | 11 | 21 |
| MA | 3.0 | 4.0 | 2.0 | 4.5 | 10.0 | 4.0 | 1.0 | 4.0 |
| MI | 320 | 340 | 200 | 270 | 205 | 180 | 175 | 210 |
| MN | 1,990 | 2,020 | 1,270 | 1,270 | 990 | 960 | 800 | 830 |
| MS | 53 | 74 | 48 | 61 | 46 | 56 | 45 | 54 |
| MO | 1,360 | 1,130 | 650 | 770 | 610 | 570 | 490 | 430 |
| MT | 58 | 68 | 43 | 43 | 33 | 33 | 26 | 27 |
| NE | 1,180 | 1,160 | 800 | 780 | 640 | 600 | 440 | 440 |
| NV | 1.9 | 1.8 | 1.9 | 1.7 | 1.8 | 1.6 | 0.9 | 1.4 |
| NH | 1.5 | 1.0 | 1.0 | 1.0 | 0.7 | 0.9 | 0.4 | 0.5 |
| NJ | 5.0 | 4.0 | 3.5 | 4.5 | 5.5 | 5.5 | 6.0 | 8.0 |
| NM | 1.9 | 1.5 | 1.5 | 0.6 | 0.7 | 0.2 | 0.7 | 2.4 |
| NY | 30 | 18 | 15 | 14 | 13 | 10 | 10 | 10 |
| NC | 3,350 | 3,400 | 2,000 | 2,000 | 1,840 | 1,850 | 1,410 | 1,450 |
| ND | 69 | 59 | 35 | 52 | 37 | 37 | 35 | 27 |
| OH | 650 | 590 | 340 | 370 | 320 | 330 | 180 | 210 |
| OK | 480 | 590 | 260 | 320 | 200 | 265 | 470 | 465 |
| OR | 12 | 8 | 8 | 7 | 6 | 6 | 4 | 4 |
| PA | 360 | 340 | 260 | 255 | 210 | 210 | 150 | 175 |
| RI | 1.0 | 1.0 | 0.8 | 0.7 | 0.3 | 0.5 | 0.1 | 0.1 |
| SC | 90 | 70 | 70 | 65 | 60 | 55 | 50 | 50 |
| SD | 450 | 405 | 330 | 320 | 260 | 280 | 200 | 265 |
| TN | 115 | 120 | 75 | 55 | 60 | 40 | 45 | 45 |
| TX | 150 | 210 | 120 | 120 | 115 | 115 | 120 | 115 |
| UT | 102 | 130 | 42 | 60 | 38 | 60 | 58 | 70 |
| VT | 1.0 | 1.5 | 0.6 | 0.2 | 0.1 | 0.3 | 0.6 | 0.7 |
| VA | 134 | 116 | 85 | 85 | 73 | 78 | 65 | 76 |
| WA | 10 | 11 | 11 | 9 | 7 | 6 | 5 | 6 |
| WV | 5.0 | 5.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 |
| WI | 240 | 215 | 155 | 130 | 125 | 130 | 115 | 130 |
| WY | 29 | 50 | 19 | 23 | 15 | 24 | 13 | 23 |
| US | 20,237 | 20,000 | 13,319 | 13,641 | 11,188 | 11,640 | 9,457 | 10,203 |

¹ Weight groups may not add to Market due to rounding.

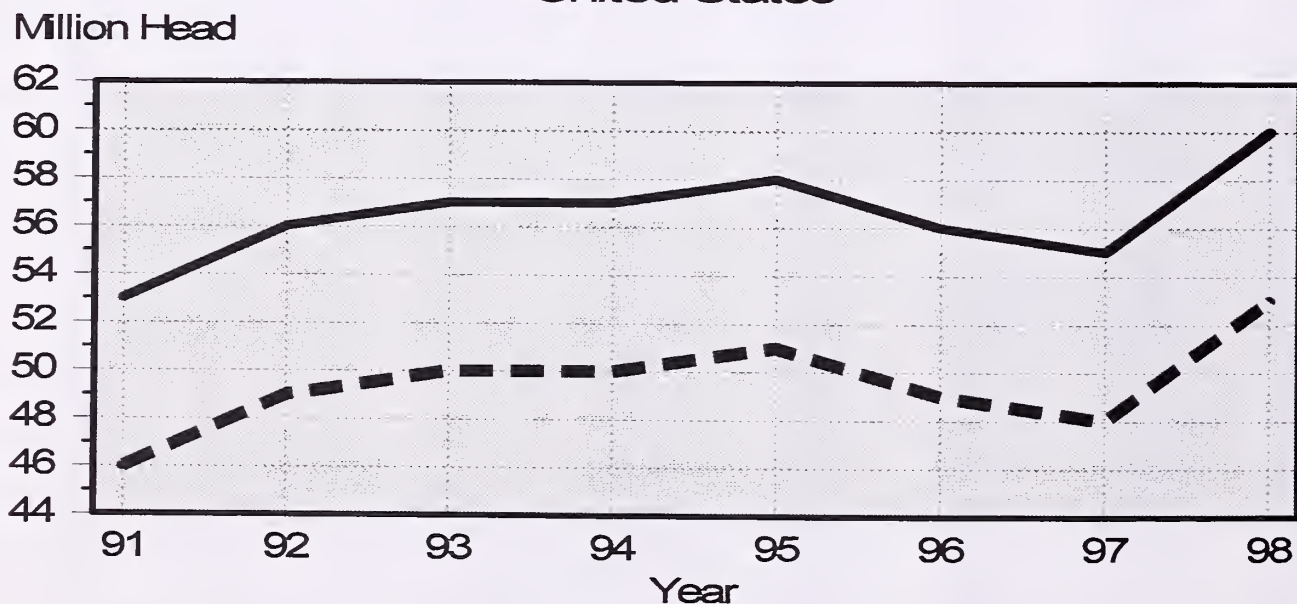
**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 1997-98 ¹**

| State | Breeding | | | Market | | | Total | | |
|-------------------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|
| | 1997 | 1998 | | 1997 | 1998 | | 1997 | 1998 | |
| | | Number | as % of 1997 | | Number | as % of 1997 | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 110 | 110 | 100 | 750 | 700 | 93 | 860 | 810 | 94 |
| GA | 70 | 70 | 100 | 520 | 420 | 81 | 590 | 490 | 83 |
| IL | 550 | 550 | 100 | 3,850 | 4,150 | 108 | 4,400 | 4,700 | 107 |
| IN | 440 | 470 | 107 | 3,060 | 3,580 | 117 | 3,500 | 4,050 | 116 |
| IA | 1,200 | 1,300 | 108 | 10,700 | 12,800 | 120 | 11,900 | 14,100 | 118 |
| KS | 185 | 195 | 105 | 1,225 | 1,305 | 107 | 1,410 | 1,500 | 106 |
| KY | 75 | 70 | 93 | 495 | 490 | 99 | 570 | 560 | 98 |
| MI | 130 | 130 | 100 | 820 | 870 | 106 | 950 | 1,000 | 105 |
| MN | 600 | 630 | 105 | 4,400 | 5,070 | 115 | 5,000 | 5,700 | 114 |
| MO | 450 | 440 | 98 | 2,800 | 2,960 | 106 | 3,250 | 3,400 | 105 |
| NE | 440 | 430 | 98 | 3,010 | 3,020 | 100 | 3,450 | 3,450 | 100 |
| NC | 1,000 | 1,050 | 105 | 8,500 | 8,450 | 99 | 9,500 | 9,500 | 100 |
| OH | 200 | 210 | 105 | 1,200 | 1,440 | 120 | 1,400 | 1,650 | 118 |
| OK | 180 | 260 | 144 | 1,190 | 1,510 | 127 | 1,370 | 1,770 | 129 |
| PA | 120 | 120 | 100 | 900 | 980 | 109 | 1,020 | 1,100 | 108 |
| SD | 160 | 150 | 94 | 970 | 1,100 | 113 | 1,130 | 1,250 | 111 |
| WI | 135 | 105 | 78 | 615 | 625 | 102 | 750 | 730 | 97 |
| Oth Sts ² | 592 | 652 | 110 | 3,407 | 3,750 | 110 | 3,999 | 4,403 | 110 |
| US | 6,637 | 6,942 | 105 | 48,412 | 53,220 | 110 | 55,049 | 60,163 | 109 |

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

March 1 Hog Inventory & Market Hogs United States



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, March 1, 1997-98 ¹**

| State | Under 60 Lbs. | | 60-119 Lbs. | | 120-179 Lbs. | | 180 Lbs. and Over | |
|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-------------------|
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AR | 260 | 220 | 175 | 175 | 170 | 155 | 145 | 150 |
| GA | 180 | 170 | 130 | 105 | 110 | 85 | 100 | 60 |
| IL | 1,430 | 1,510 | 900 | 980 | 840 | 930 | 680 | 730 |
| IN | 1,140 | 1,370 | 770 | 900 | 620 | 700 | 530 | 610 |
| IA | 3,720 | 4,200 | 2,790 | 3,400 | 2,240 | 2,750 | 1,950 | 2,450 |
| KS | 515 | 540 | 245 | 250 | 220 | 235 | 245 | 280 |
| KY | 190 | 200 | 120 | 115 | 105 | 100 | 80 | 75 |
| MI | 270 | 290 | 205 | 220 | 190 | 195 | 155 | 165 |
| MN | 1,690 | 1,960 | 1,080 | 1,240 | 910 | 1,020 | 720 | 850 |
| MO | 1,270 | 1,370 | 620 | 640 | 540 | 540 | 370 | 410 |
| NE | 1,220 | 1,220 | 760 | 750 | 570 | 570 | 460 | 480 |
| NC | 3,400 | 3,350 | 1,970 | 1,930 | 1,680 | 1,670 | 1,450 | 1,500 |
| OH | 540 | 640 | 250 | 310 | 280 | 300 | 130 | 190 |
| OK | 410 | 610 | 200 | 260 | 190 | 210 | 390 | 430 |
| PA | 350 | 355 | 225 | 260 | 185 | 220 | 140 | 145 |
| SD | 375 | 390 | 240 | 280 | 200 | 240 | 155 | 190 |
| WI | 240 | 250 | 145 | 145 | 115 | 120 | 115 | 110 |
| Oth Sts ² | 1,290 | 1,547 | 802 | 831 | 693 | 734 | 622 | 639 |
| US | 18,490 | 20,192 | 11,627 | 12,791 | 9,858 | 10,774 | 8,437 | 9,464 |

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

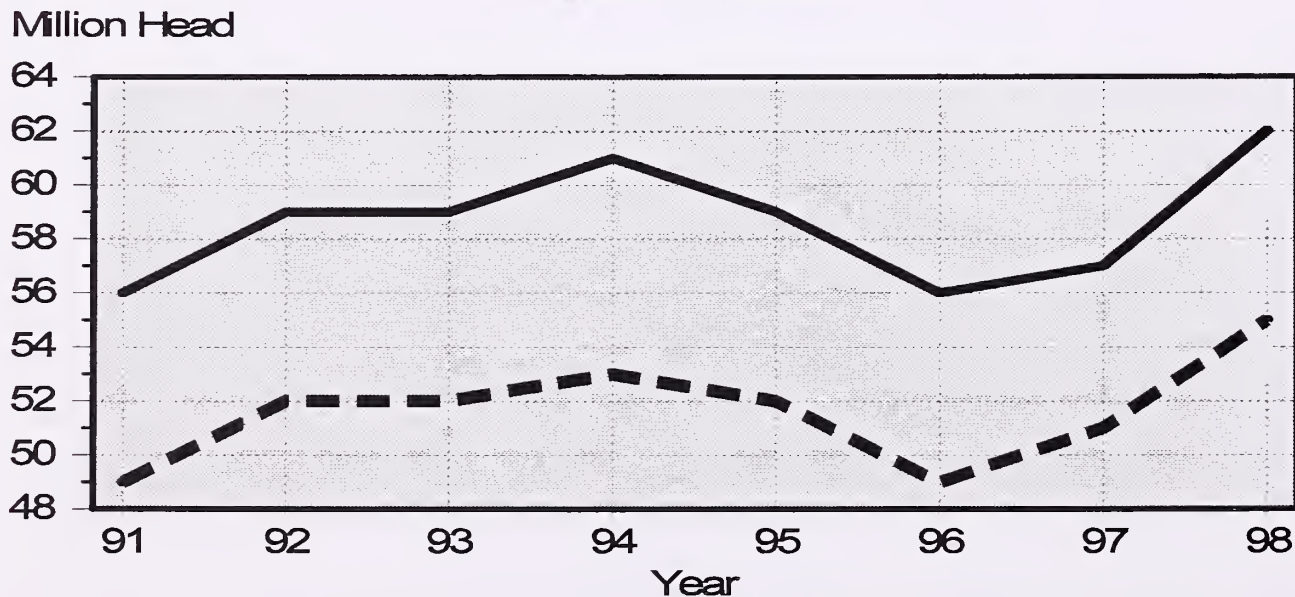
**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, June 1, 1997-98 ¹**

| State | Breeding | | | Market | | | Total | | |
|----------------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|
| | 1997 | 1998 | | 1997 | 1998 | | 1997 | 1998 | |
| | | Number | as % of 1997 | | Number | as % of 1997 | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 115 | 110 | 96 | 775 | 680 | 88 | 890 | 790 | 89 |
| GA | 75 | 70 | 93 | 515 | 430 | 83 | 590 | 500 | 85 |
| IL | 550 | 580 | 105 | 3,900 | 4,420 | 113 | 4,450 | 5,000 | 112 |
| IN | 440 | 470 | 107 | 3,110 | 3,730 | 120 | 3,550 | 4,200 | 118 |
| IA | 1,270 | 1,300 | 102 | 11,230 | 13,500 | 120 | 12,500 | 14,800 | 118 |
| KS | 195 | 190 | 97 | 1,285 | 1,280 | 100 | 1,480 | 1,470 | 99 |
| KY | 70 | 65 | 93 | 500 | 455 | 91 | 570 | 520 | 91 |
| MI | 130 | 130 | 100 | 890 | 1,000 | 112 | 1,020 | 1,130 | 111 |
| MN | 620 | 640 | 103 | 4,780 | 5,260 | 110 | 5,400 | 5,900 | 109 |
| MO | 455 | 410 | 90 | 3,045 | 2,890 | 95 | 3,500 | 3,300 | 94 |
| NE | 445 | 430 | 97 | 3,155 | 3,020 | 96 | 3,600 | 3,450 | 96 |
| NC | 1,000 | 1,050 | 105 | 8,700 | 8,750 | 101 | 9,700 | 9,800 | 101 |
| OH | 200 | 220 | 110 | 1,300 | 1,480 | 114 | 1,500 | 1,700 | 113 |
| OK | 210 | 260 | 124 | 1,290 | 1,610 | 125 | 1,500 | 1,870 | 125 |
| PA | 115 | 120 | 104 | 905 | 980 | 108 | 1,020 | 1,100 | 108 |
| SD | 165 | 140 | 85 | 1,005 | 1,210 | 120 | 1,170 | 1,350 | 115 |
| WI | 130 | 100 | 77 | 640 | 620 | 97 | 770 | 720 | 94 |
| Oth Sts ² | 604 | 673 | 112 | 3,552 | 3,939 | 111 | 4,156 | 4,613 | 111 |
| US | 6,789 | 6,958 | 102 | 50,577 | 55,254 | 109 | 57,366 | 62,213 | 108 |

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

June 1 Hog Inventory & Market Hogs United States



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, June 1, 1997-98¹**

| State | Under 60 Lbs. | | 60-119 Lbs. | | 120-179 Lbs. | | 180 Lbs. and Over | |
|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-------------------|
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AR | 240 | 250 | 180 | 165 | 205 | 145 | 150 | 120 |
| GA | 200 | 165 | 130 | 120 | 110 | 90 | 75 | 55 |
| IL | 1,570 | 1,750 | 970 | 1,080 | 780 | 900 | 580 | 690 |
| IN | 1,140 | 1,380 | 770 | 980 | 640 | 780 | 560 | 590 |
| IA | 4,290 | 4,630 | 3,100 | 3,710 | 2,170 | 2,860 | 1,670 | 2,300 |
| KS | 545 | 525 | 285 | 285 | 230 | 240 | 225 | 230 |
| KY | 195 | 185 | 120 | 110 | 105 | 90 | 80 | 70 |
| MI | 400 | 450 | 185 | 220 | 180 | 190 | 125 | 140 |
| MN | 1,850 | 2,050 | 1,210 | 1,330 | 990 | 1,050 | 730 | 830 |
| MO | 1,430 | 1,450 | 665 | 590 | 550 | 510 | 400 | 340 |
| NE | 1,320 | 1,240 | 800 | 790 | 570 | 560 | 465 | 430 |
| NC | 3,350 | 3,450 | 2,170 | 2,130 | 1,830 | 1,770 | 1,350 | 1,400 |
| OH | 600 | 660 | 320 | 350 | 240 | 290 | 140 | 180 |
| OK | 470 | 610 | 210 | 300 | 200 | 220 | 410 | 480 |
| PA | 330 | 355 | 230 | 260 | 195 | 215 | 150 | 150 |
| SD | 420 | 455 | 250 | 295 | 180 | 255 | 155 | 205 |
| WI | 280 | 245 | 135 | 160 | 115 | 120 | 110 | 95 |
| Oth Sts ² | 1,358 | 1,632 | 844 | 836 | 712 | 799 | 638 | 673 |
| US | 19,988 | 21,482 | 12,574 | 13,711 | 10,002 | 11,084 | 8,013 | 8,978 |

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, September 1, 1997-98 ¹**

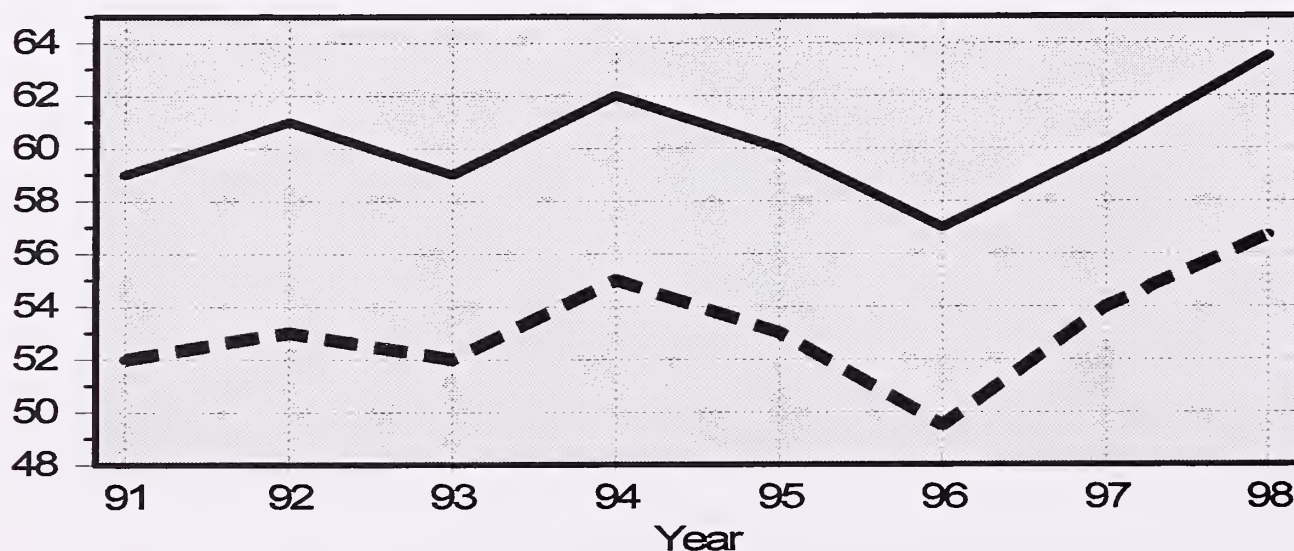
| State | Breeding | | | Market | | | Total | | |
|-------------------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|
| | 1997 | 1998 | | 1997 | 1998 | | 1997 | 1998 | |
| | | Number | as % of 1997 | | Number | as % of 1997 | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 115 | 110 | 96 | 795 | 690 | 87 | 910 | 800 | 88 |
| GA | 65 | 65 | 100 | 505 | 415 | 82 | 570 | 480 | 84 |
| IL | 530 | 540 | 102 | 4,070 | 4,310 | 106 | 4,600 | 4,850 | 105 |
| IN | 450 | 450 | 100 | 3,400 | 3,650 | 107 | 3,850 | 4,100 | 106 |
| IA | 1,350 | 1,290 | 96 | 12,750 | 14,210 | 111 | 14,100 | 15,500 | 110 |
| KS | 205 | 180 | 88 | 1,345 | 1,370 | 102 | 1,550 | 1,550 | 100 |
| KY | 70 | 65 | 93 | 500 | 455 | 91 | 570 | 520 | 91 |
| MI | 130 | 120 | 92 | 970 | 950 | 98 | 1,100 | 1,070 | 97 |
| MN | 630 | 650 | 103 | 4,970 | 5,350 | 108 | 5,600 | 6,000 | 107 |
| MO | 435 | 420 | 97 | 3,115 | 2,930 | 94 | 3,550 | 3,350 | 94 |
| NE | 435 | 420 | 97 | 3,115 | 2,980 | 96 | 3,550 | 3,400 | 96 |
| NC | 1,000 | 1,050 | 105 | 8,900 | 9,250 | 104 | 9,900 | 10,300 | 104 |
| OH | 200 | 210 | 105 | 1,350 | 1,540 | 114 | 1,550 | 1,750 | 113 |
| OK | 215 | 290 | 135 | 1,385 | 1,690 | 122 | 1,600 | 1,980 | 124 |
| PA | 120 | 115 | 96 | 980 | 985 | 101 | 1,100 | 1,100 | 100 |
| SD | 160 | 130 | 81 | 1,060 | 1,170 | 110 | 1,220 | 1,300 | 107 |
| WI | 135 | 95 | 70 | 665 | 605 | 91 | 800 | 700 | 88 |
| Oth Sts ² | 613 | 675 | 110 | 3,723 | 4,062 | 109 | 4,336 | 4,738 | 109 |
| US | 6,858 | 6,875 | 100 | 53,598 | 56,612 | 106 | 60,456 | 63,488 | 105 |

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

September 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, September 1, 1997-98 ¹**

| State | Under 60 Lbs. | | 60-119 Lbs. | | 120-179 Lbs. | | 180 Lbs. and Over | |
|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-------------------|
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AR | 265 | 230 | 190 | 180 | 195 | 150 | 145 | 130 |
| GA | 195 | 165 | 130 | 105 | 110 | 85 | 70 | 60 |
| IL | 1,540 | 1,540 | 970 | 1,050 | 820 | 930 | 740 | 790 |
| IN | 1,250 | 1,330 | 860 | 880 | 680 | 790 | 610 | 650 |
| IA | 4,300 | 4,560 | 3,650 | 4,050 | 2,650 | 3,000 | 2,150 | 2,600 |
| KS | 590 | 575 | 265 | 290 | 255 | 235 | 235 | 270 |
| KY | 195 | 185 | 120 | 110 | 105 | 90 | 80 | 70 |
| MI | 340 | 300 | 260 | 250 | 200 | 195 | 170 | 205 |
| MN | 2,020 | 2,110 | 1,250 | 1,380 | 940 | 1,060 | 760 | 800 |
| MO | 1,440 | 1,300 | 670 | 680 | 520 | 550 | 485 | 400 |
| NE | 1,350 | 1,300 | 760 | 720 | 580 | 540 | 425 | 420 |
| NC | 3,500 | 3,620 | 2,160 | 2,120 | 1,850 | 1,920 | 1,390 | 1,590 |
| OH | 610 | 680 | 330 | 360 | 250 | 310 | 160 | 190 |
| OK | 490 | 650 | 250 | 300 | 230 | 270 | 415 | 470 |
| PA | 370 | 350 | 260 | 255 | 205 | 215 | 145 | 165 |
| SD | 430 | 380 | 260 | 280 | 200 | 290 | 170 | 220 |
| WI | 280 | 240 | 150 | 140 | 125 | 120 | 110 | 105 |
| Oth Sts ² | 1,497 | 1,674 | 853 | 882 | 758 | 805 | 615 | 702 |
| US | 20,662 | 21,189 | 13,388 | 14,032 | 10,673 | 11,555 | 8,875 | 9,837 |

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

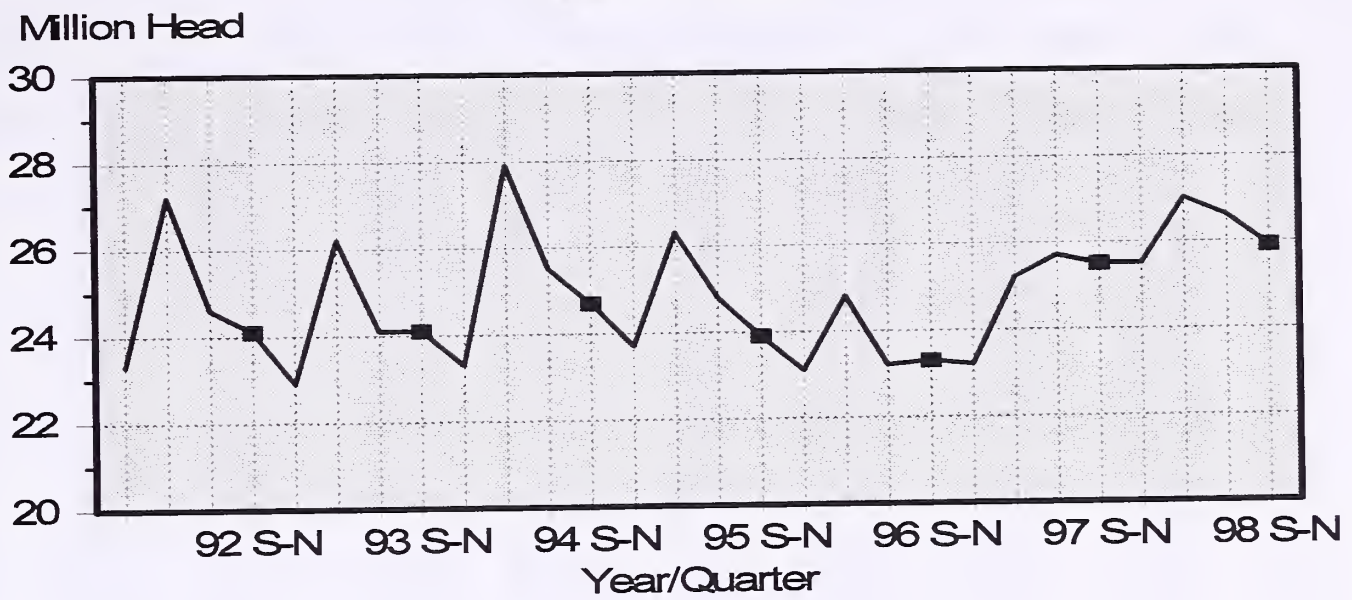
**Annual Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, December-November 1997-98^{1 2}**

| State | Sows Farrowing | | | Pigs Per Litter | | Pig Crop | | |
|-------|-------------------|-------------------|-----------------|--------------------|---------------|-------------------|-------------------|-----------------|
| | 1997 | 1998 | | 1997 | 1998 | 1997 | 1998 | |
| | | Number | as % of 1997 | | | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AL | 37 | 36 | 97 | 7.76 | 8.06 | 287 | 290 | 101 |
| AK | 0.50 | 0.50 | 100 | 7.76 | 7.42 | 3.88 | 3.71 | 96 |
| AZ | 36 | 30 | 83 | 8.53 | 8.50 | 307 | 255 | 83 |
| AR | 225 | 225 | 100 | 8.45 | 8.48 | 1,901 | 1,907 | 100 |
| CA | 45 | 44 | 98 | 9.24 | 9.18 | 416 | 404 | 97 |
| CO | 200 | 286 | 143 | 8.50 | 8.57 | 1,700 | 2,452 | 144 |
| CT | 1.10 | 1.20 | 109 | 7.20 | 8.20 | 7.9 | 9.8 | 124 |
| DE | 6.1 | 7.6 | 125 | 8.85 | 8.82 | 54 | 67.0 | 124 |
| FL | 17.5 | 16.0 | 91 | 7.49 | 7.25 | 131 | 116 | 89 |
| GA | 114 | 101 | 89 | 8.30 | 8.38 | 946 | 846 | 89 |
| HI | 5.6 | 5.3 | 95 | 6.96 | 7.36 | 39 | 39.0 | 100 |
| ID | 6.9 | 5.0 | 72 | 7.97 | 7.60 | 55 | 38 | 69 |
| IL | 900 | 945 | 105 | 8.42 | 8.60 | 7,580 | 8,127 | 107 |
| IN | 740 | 775 | 105 | 8.45 | 8.65 | 6,253 | 6,705 | 107 |
| IA | 2,020 | 2,110 | 104 | 8.63 | 8.71 | 17,435 | 18,384 | 105 |
| KS | 360 | 362 | 101 | 9.18 | 8.82 | 3,304 | 3,194 | 97 |
| KY | 124 | 120 | 97 | 8.38 | 8.43 | 1,039 | 1,011 | 97 |
| LA | 8.8 | 9.4 | 107 | 7.05 | 7.45 | 62 | 70 | 113 |
| ME | 1.60 | 1.80 | 113 | 7.50 | 8.00 | 12.0 | 14.4 | 120 |
| MD | 19 | 12 | 63 | 8.63 | 7.42 | 164 | 89 | 54 |
| MA | 2.80 | 3.30 | 118 | 7.14 | 7.58 | 20.0 | 25.0 | 125 |
| MI | 197 | 197 | 100 | 8.56 | 8.78 | 1,686 | 1,729 | 103 |
| MN | 1,005 | 1,080 | 107 | 8.83 | 8.90 | 8,873 | 9,612 | 108 |
| MS | 47.5 | 59.0 | 124 | 8.51 | 8.86 | 404 | 523 | 129 |
| MO | 780 | 775 | 99 | 8.88 | 8.75 | 6,924 | 6,783 | 98 |
| MT | 36 | 39 | 107 | 8.89 | 8.94 | 320 | 344 | 108 |
| NE | 670 | 680 | 101 | 8.50 | 8.50 | 5,696 | 5,781 | 101 |
| NV | 2.4 | 1.2 | 50 | 8.33 | 8.37 | 20.0 | 10.0 | 50 |
| NH | 0.9 | 0.6 | 67 | 8.20 | 8.20 | 7.4 | 4.9 | 67 |
| NJ | 3.2 | 2.6 | 80 | 6.88 | 8.16 | 22.0 | 20.8 | 95 |
| NM | 1.2 | 1.2 | 100 | 7.50 | 7.58 | 9.0 | 9.1 | 101 |
| NY | 16 | 12 | 75 | 8.50 | 8.25 | 136 | 99 | 73 |
| NC | 2,040 | 2,125 | 104 | 8.89 | 8.81 | 18,132 | 18,728 | 103 |
| ND | 37 | 52 | 141 | 8.49 | 8.56 | 314 | 445 | 142 |
| OH | 340 | 359 | 106 | 8.41 | 8.64 | 2,858 | 3,102 | 109 |
| OK | 362 | 515 | 142 | 9.42 | 9.05 | 3,410 | 4,663 | 137 |
| OR | 8.0 | 7.0 | 88 | 8.00 | 9.00 | 64 | 63 | 98 |
| PA | 195 | 189 | 97 | 8.63 | 8.72 | 1,682 | 1,649 | 98 |
| RI | 0.80 | 0.85 | 113 | 7.00 | 6.69 | 5.3 | 5.7 | 108 |
| SC | 73 | 68 | 93 | 8.32 | 8.21 | 607 | 558 | 92 |
| SD | 268 | 240 | 90 | 8.50 | 8.65 | 2,278 | 2,077 | 91 |
| TN | 73 | 80 | 110 | 8.16 | 8.18 | 596 | 654 | 110 |
| TX | 104 | 116 | 112 | 8.26 | 8.46 | 859 | 981 | 114 |
| UT | 50.5 | 75.5 | 150 | 8.63 | 8.70 | 436 | 657 | 151 |
| VT | 0.70 | 0.90 | 129 | 8.80 | 8.20 | 6.2 | 7.4 | 120 |
| VA | 73 | 73 | 100 | 8.60 | 8.78 | 628 | 641 | 102 |
| WA | 8.0 | 8.0 | 100 | 8.63 | 8.25 | 69 | 66 | 96 |
| WV | 4.0 | 4.0 | 100 | 7.75 | 8.00 | 31.0 | 32.0 | 103 |
| WI | 184 | 166 | 90 | 8.43 | 8.33 | 1,551 | 1,383 | 89 |
| WY | 28.0 | 35.5 | 127 | 8.68 | 8.62 | 243 | 306 | 126 |
| US | 11,479 | 12,058 | 105 | 8.68 | 8.71 | 99,584 | 104,981 | 105 |

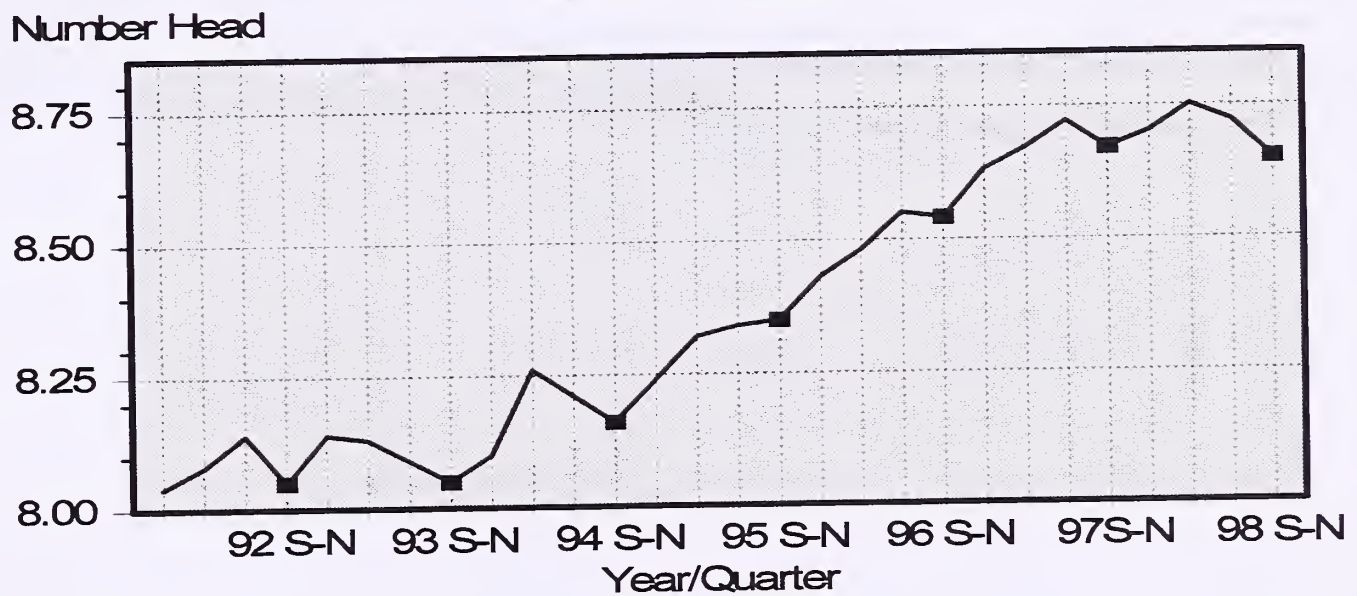
¹ December preceding year.

² May not add due to rounding.

Pig Crop United States



Litter Rate United States



**Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop
by State and United States, December-February 1997-99 ^{1 2}**

| State | Sows Farrowing | | | | Pigs Per Litter | | Pig Crop ³ | | |
|-------------------------|-------------------|-------------------|-------------------|-----------------|--------------------|---------------|-----------------------|-------------------|-----------------|
| | 1997 | 1998 | 1999 ⁴ | | 1997 | 1998 | 1997 | 1998 | |
| | | | Number | as % of 1998 | | | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 52 | 56 | 54 | 96 | 8.50 | 8.50 | 442 | 476 | 108 |
| GA | 30 | 26 | 23 | 88 | 8.05 | 8.35 | 242 | 217 | 90 |
| IL | 200 | 225 | 220 | 98 | 8.50 | 8.60 | 1,700 | 1,935 | 114 |
| IN | 180 | 195 | 195 | 100 | 8.50 | 8.60 | 1,530 | 1,677 | 110 |
| IA | 450 | 520 | 490 | 94 | 8.50 | 8.70 | 3,825 | 4,524 | 118 |
| KS | 80 | 90 | 85 | 94 | 9.10 | 9.00 | 728 | 810 | 111 |
| KY | 31 | 31 | 30 | 97 | 8.30 | 8.40 | 257 | 260 | 101 |
| MI | 40 | 40 | 44 | 110 | 8.40 | 8.80 | 336 | 352 | 105 |
| MN | 230 | 260 | 255 | 98 | 8.70 | 8.95 | 2,001 | 2,327 | 116 |
| MO | 185 | 195 | 190 | 97 | 8.80 | 8.80 | 1,628 | 1,716 | 105 |
| NE | 170 | 165 | 170 | 103 | 8.45 | 8.50 | 1,437 | 1,403 | 98 |
| NC | 500 | 515 | 520 | 101 | 8.90 | 8.90 | 4,450 | 4,584 | 103 |
| OH | 75 | 89 | 85 | 96 | 8.30 | 8.50 | 623 | 757 | 122 |
| OK | 78 | 117 | 135 | 115 | 9.50 | 8.90 | 741 | 1,041 | 140 |
| PA | 50 | 47 | 46 | 98 | 8.50 | 8.60 | 425 | 404 | 95 |
| SD | 60 | 58 | 55 | 95 | 8.50 | 8.60 | 510 | 499 | 98 |
| WI | 46 | 42 | 34 | 81 | 8.40 | 8.20 | 386 | 344 | 89 |
| Oth Sts ⁵ | 227 | 258 | 262 | 101 | 8.38 | 8.35 | 1,903 | 2,154 | 113 |
| US | 2,684 | 2,929 | 2,893 | 99 | 8.63 | 8.70 | 23,164 | 25,480 | 110 |

¹ December preceding year.

² May not add due to rounding.

³ Number of pigs born December-February that were still on hand March 1, or had been sold.

⁴ Intentions.

⁵ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 1997-99 ¹**

| State | Sows Farrowing | | | | Pigs per Litter | | Pig Crop ² | | |
|-------------------------|-------------------|-------------------|-------------------|-----------------|--------------------|---------------|-----------------------|-------------------|-------------------|
| | 1997 | 1998 | 1999 ³ | | 1997 | 1998 | 1997 | 1998 | |
| | | | Number | as % of 1998 | | | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AR | 60 | 56 | 54 | 96 | 8.30 | 8.40 | 498 | 470 | 94 |
| GA | 30 | 25 | 23 | 92 | 8.35 | 8.40 | 251 | 210 | 84 |
| IL | 240 | 255 | 210 | 82 | 8.40 | 8.60 | 2,016 | 2,193 | 109 |
| IN | 180 | 195 | 185 | 95 | 8.40 | 8.70 | 1,512 | 1,697 | 112 |
| IA | 510 | 550 | 490 | 89 | 8.60 | 8.70 | 4,386 | 4,785 | 109 |
| KS | 90 | 90 | 85 | 94 | 9.20 | 8.90 | 828 | 801 | 97 |
| KY | 31 | 30 | 30 | 100 | 8.50 | 8.40 | 264 | 252 | 95 |
| MI | 55 | 53 | 52 | 98 | 8.40 | 8.90 | 462 | 472 | 102 |
| MN | 255 | 275 | 255 | 93 | 8.85 | 8.90 | 2,257 | 2,448 | 108 |
| MO | 200 | 195 | 185 | 95 | 8.90 | 8.90 | 1,780 | 1,736 | 98 |
| NE | 170 | 170 | 170 | 100 | 8.50 | 8.40 | 1,445 | 1,428 | 99 |
| NC | 515 | 540 | 520 | 96 | 8.90 | 8.90 | 4,584 | 4,806 | 105 |
| OH | 85 | 90 | 85 | 94 | 8.40 | 8.70 | 714 | 783 | 110 |
| OK | 87 | 129 | 135 | 105 | 9.50 | 9.10 | 827 | 1,174 | 142 |
| PA | 48 | 48 | 46 | 96 | 8.60 | 8.70 | 413 | 418 | 101 |
| SD | 70 | 65 | 60 | 92 | 8.40 | 8.70 | 588 | 566 | 96 |
| WI | 47 | 43 | 32 | 74 | 8.50 | 8.50 | 400 | 366 | 92 |
| Oth Sts ⁴ | 238 | 277 | 267 | 96 | 8.42 | 8.61 | 2,004 | 2,384 | 119 |
| US | 2,911 | 3,086 | 2,884 | 93 | 8.67 | 8.75 | 25,229 | 26,989 | 107 |

¹ May not add due to rounding.

² Number of pigs born March-May that were still on hand June 1, or had been sold.

³ Intentions.

⁴ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, June-August 1997-98 ¹**

| State | Sows Farrowing | | | Pigs per Litter | | Pig Crop ² | | |
|-------------------------|-------------------|-------------------|-----------------|--------------------|---------------|-----------------------|-------------------|-----------------|
| | 1997 | 1998 | | 1997 | 1998 | 1997 | 1998 | |
| | | Number | as % of 1997 | | | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 58 | 57 | 98 | 8.60 | 8.50 | 499 | 485 | 97 |
| GA | 29 | 25 | 86 | 8.40 | 8.45 | 244 | 211 | 86 |
| IL | 220 | 230 | 105 | 8.40 | 8.60 | 1,848 | 1,978 | 107 |
| IN | 190 | 190 | 100 | 8.40 | 8.65 | 1,596 | 1,644 | 103 |
| IA | 540 | 530 | 98 | 8.80 | 8.75 | 4,752 | 4,638 | 98 |
| KS | 95 | 92 | 97 | 9.20 | 8.70 | 874 | 800 | 92 |
| KY | 31 | 29 | 94 | 8.35 | 8.40 | 259 | 244 | 94 |
| MI | 54 | 52 | 96 | 8.70 | 8.90 | 470 | 463 | 99 |
| MN | 260 | 280 | 108 | 8.85 | 8.90 | 2,301 | 2,492 | 108 |
| MO | 195 | 195 | 100 | 8.90 | 8.70 | 1,736 | 1,697 | 98 |
| NE | 165 | 170 | 103 | 8.55 | 8.60 | 1,411 | 1,462 | 104 |
| NC | 515 | 550 | 107 | 8.90 | 8.80 | 4,584 | 4,840 | 106 |
| OH | 90 | 90 | 100 | 8.30 | 8.75 | 747 | 788 | 105 |
| OK | 98 | 134 | 137 | 9.40 | 9.10 | 921 | 1,219 | 132 |
| PA | 49 | 48 | 98 | 8.70 | 8.70 | 426 | 418 | 98 |
| SD | 68 | 57 | 84 | 8.50 | 8.70 | 578 | 496 | 86 |
| WI | 48 | 42 | 88 | 8.50 | 8.35 | 408 | 351 | 86 |
| Oth Sts ³ | 241 | 283 | 118 | 8.47 | 8.51 | 2,042 | 2,408 | 118 |
| US | 2,946 | 3,054 | 104 | 8.72 | 8.72 | 25,696 | 26,634 | 104 |

¹ May not add due to rounding.

² Number of pigs born June-August that were still on hand September 1, or had been sold.

³ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 1997-98¹**

| State | Sows Farrowing | | | Pigs per Litter | | Pig Crop ² | | |
|-------------------------|-------------------|-------------------|----------------|-----------------|---------------|-----------------------|-------------------|----------------|
| | 1997 | 1998 | | 1997 | 1998 | 1997 | 1998 | |
| | | Number | as % of 1997 | | | | Number | as % of 1997 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| AR | 55 | 56 | 102 | 8.40 | 8.50 | 462 | 476 | 103 |
| GA | 25 | 25 | 100 | 8.35 | 8.30 | 209 | 208 | 100 |
| IL | 240 | 235 | 98 | 8.40 | 8.60 | 2,016 | 2,021 | 100 |
| IN | 190 | 195 | 103 | 8.50 | 8.65 | 1,615 | 1,687 | 104 |
| IA | 520 | 510 | 98 | 8.60 | 8.70 | 4,472 | 4,437 | 99 |
| KS | 95 | 90 | 95 | 9.20 | 8.70 | 874 | 783 | 90 |
| KY | 31 | 30 | 97 | 8.35 | 8.50 | 259 | 255 | 98 |
| MI | 48 | 52 | 108 | 8.70 | 8.50 | 418 | 442 | 106 |
| MN | 260 | 265 | 102 | 8.90 | 8.85 | 2,314 | 2,345 | 101 |
| MO | 200 | 190 | 95 | 8.90 | 8.60 | 1,780 | 1,634 | 92 |
| NE | 165 | 175 | 106 | 8.50 | 8.50 | 1,403 | 1,488 | 106 |
| NC | 510 | 520 | 102 | 8.85 | 8.65 | 4,514 | 4,498 | 100 |
| OH | 90 | 90 | 100 | 8.60 | 8.60 | 774 | 774 | 100 |
| OK | 99 | 135 | 136 | 9.30 | 9.10 | 921 | 1,229 | 133 |
| PA | 48 | 46 | 96 | 8.70 | 8.90 | 418 | 409 | 98 |
| SD | 70 | 60 | 86 | 8.60 | 8.60 | 602 | 516 | 86 |
| WI | 43 | 39 | 91 | 8.30 | 8.25 | 357 | 322 | 90 |
| Oth Sts ³ | 250 | 277 | 111 | 8.34 | 8.50 | 2,086 | 2,354 | 113 |
| US | 2,939 | 2,990 | 102 | 8.67 | 8.65 | 25,494 | 25,878 | 102 |

¹ May not add due to rounding.

² Number of pigs born September-November that were still on hand December 1 or had been sold.

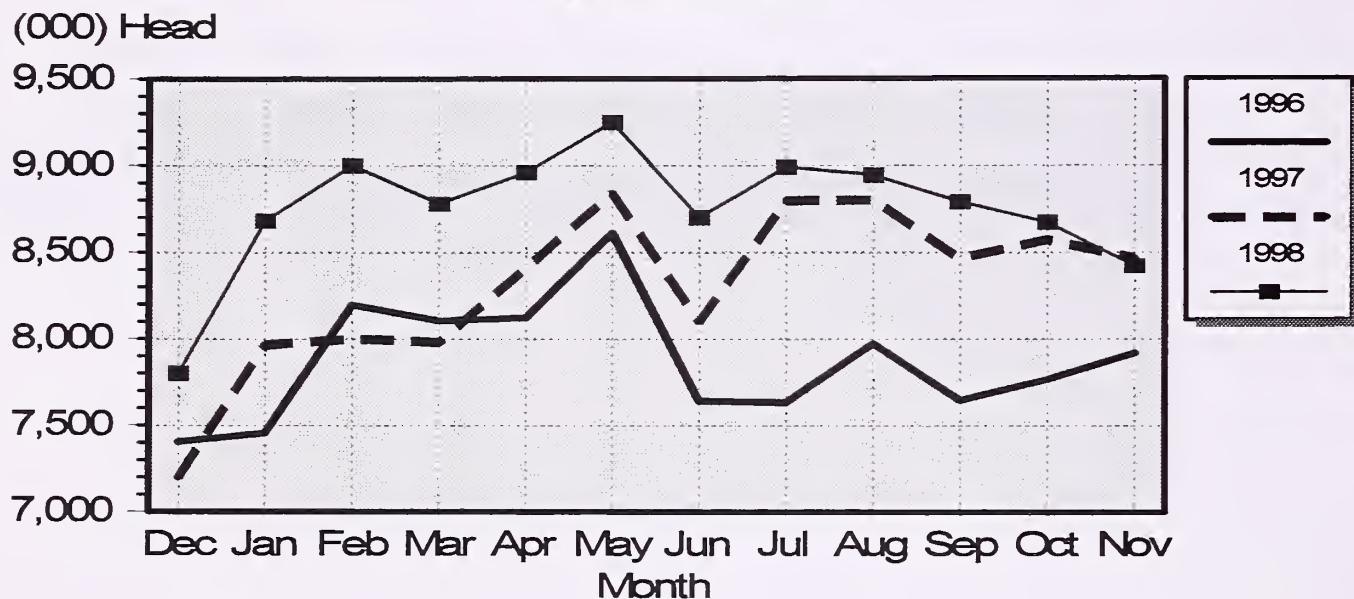
³ Individual State estimates not available for the 33 other States.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States December-November 1996-98 ¹**

| Month | Sows Farrowing | | | Pigs per Litter | | | Pig Crop | | |
|------------------|-------------------|-------------------|-------------------|-----------------|---------------|---------------|-------------------|-------------------|-------------------|
| | 1996 | 1997 | 1998 | 1996 | 1997 | 1998 | 1996 | 1997 | 1998 |
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> |
| Dec ¹ | 880 | 880 | 940 | 8.41 | 8.18 | 8.30 | 7,404 | 7,200 | 7,800 |
| Jan | 885 | 889 | 980 | 8.42 | 8.96 | 8.86 | 7,455 | 7,964 | 8,680 |
| Feb | 970 | 915 | 1,009 | 8.45 | 8.74 | 8.92 | 8,195 | 8,000 | 9,000 |
| Mar | 980 | 946 | 1,020 | 8.27 | 8.43 | 8.53 | 8,103 | 7,979 | 8,780 |
| Apr | 965 | 980 | 1,036 | 8.41 | 8.58 | 8.59 | 8,120 | 8,410 | 8,960 |
| May | 985 | 985 | 1,030 | 8.74 | 8.97 | 8.98 | 8,610 | 8,840 | 9,249 |
| Jun | 906 | 976 | 1,010 | 8.43 | 8.30 | 8.61 | 7,640 | 8,100 | 8,700 |
| Jul | 888 | 981 | 1,024 | 8.59 | 8.97 | 8.78 | 7,632 | 8,796 | 8,990 |
| Aug | 924 | 989 | 1,020 | 8.63 | 8.90 | 8.77 | 7,972 | 8,800 | 8,944 |
| Sep | 925 | 965 | 1,020 | 8.26 | 8.77 | 8.62 | 7,645 | 8,460 | 8,788 |
| Oct | 906 | 999 | 1,000 | 8.57 | 8.58 | 8.67 | 7,765 | 8,569 | 8,670 |
| Nov | 900 | 975 | 970 | 8.80 | 8.67 | 8.68 | 7,917 | 8,465 | 8,420 |
| Total | 11,113 | 11,479 | 12,059 | 8.50 | 8.68 | 8.71 | 94,459 | 99,584 | 104,981 |

¹ December preceding year.

Monthly Pig Crop United States



**Hogs and Pigs: Number of Operations with Hogs,
by State and United States, 1997-98 ¹**

| State | Operation With Hogs | |
|-------|---------------------|---------------|
| | 1997 | 1998 |
| | <i>Number</i> | <i>Number</i> |
| AL | 1,100 | 1,000 |
| AK | 50 | 50 |
| AZ | 250 | 250 |
| AR | 1,460 | 1,300 |
| CA | 2,000 | 1,600 |
| CO | 1,200 | 1,100 |
| CT | 250 | 200 |
| DE | 180 | 150 |
| FL | 2,000 | 1,800 |
| GA | 2,000 | 1,700 |
| HI | 250 | 250 |
| ID | 900 | 800 |
| IL | 7,500 | 7,000 |
| IN | 6,500 | 6,400 |
| IA | 18,000 | 17,500 |
| KS | 3,000 | 2,600 |
| KY | 2,100 | 1,700 |
| LA | 950 | 600 |
| ME | 600 | 400 |
| MD | 600 | 620 |
| MA | 450 | 500 |
| MI | 3,000 | 2,800 |
| MN | 9,000 | 8,500 |
| MS | 2,000 | 2,000 |
| MO | 5,500 | 5,000 |
| MT | 650 | 650 |
| NE | 6,500 | 6,000 |
| NV | 110 | 110 |
| NH | 250 | 300 |
| NJ | 550 | 550 |
| NM | 400 | 400 |
| NY | 1,500 | 1,400 |
| NC | 4,500 | 4,200 |
| ND | 1,000 | 850 |
| OH | 6,800 | 6,500 |
| OK | 3,100 | 3,100 |
| OR | 1,400 | 1,200 |
| PA | 3,500 | 3,500 |
| RI | 60 | 50 |
| SC | 1,300 | 1,100 |
| SD | 3,000 | 3,200 |
| TN | 2,500 | 2,500 |
| TX | 5,500 | 5,000 |
| UT | 500 | 500 |
| VT | 300 | 250 |
| VA | 1,600 | 1,500 |
| WA | 1,000 | 1,000 |
| WV | 1,100 | 1,100 |
| WI | 3,900 | 3,300 |
| WY | 300 | 300 |
| US | 122,160 | 114,380 |

¹ An operation is any place having one or more hogs and pigs on hand at any time during the year. Totals may not add due to rounding.

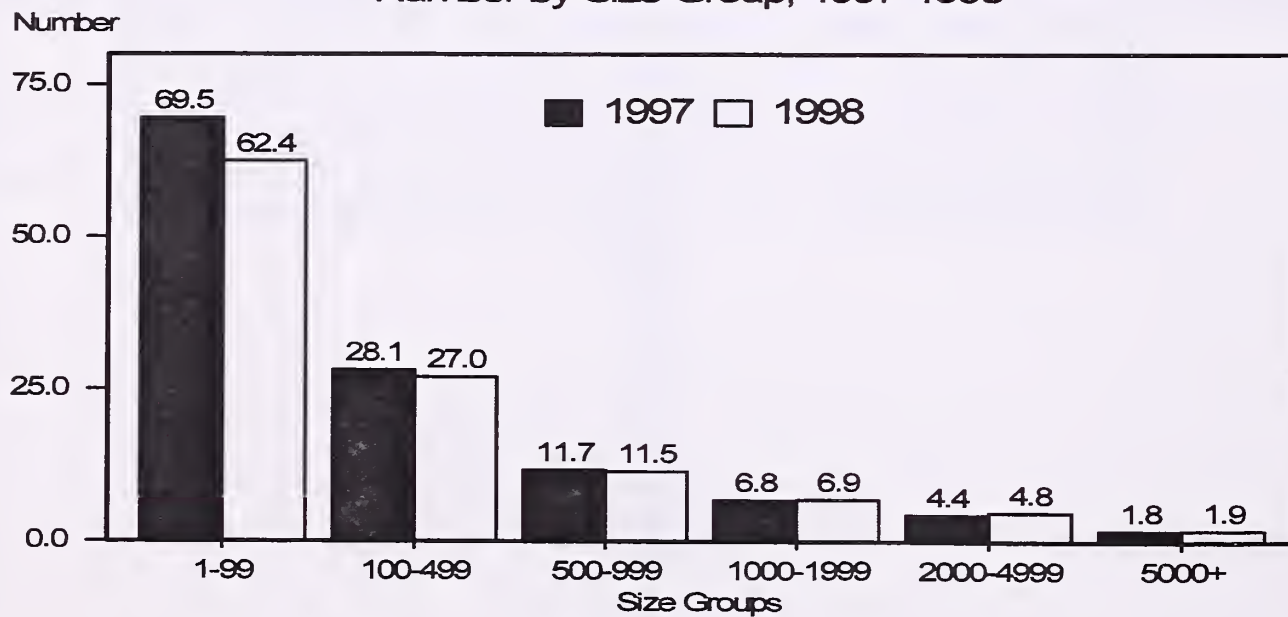
Hogs and Pigs: Number of Operations by Size Group, Selected States, Region, and United States, 1997-98¹

| State | Operations Having | | | | | |
|-------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|
| | 1-99 Head | | 100-499 Head | | 500-999 Head | |
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| AR | 1,030 | 880 | 125 | 105 | 80 | 85 |
| GA | 1,430 | 1,340 | 350 | 200 | 90 | 50 |
| IL | 2,600 | 2,200 | 2,500 | 2,250 | 1,200 | 1,300 |
| IN | 2,600 | 2,400 | 2,100 | 2,100 | 840 | 840 |
| IA | 3,400 | 2,900 | 6,900 | 6,300 | 3,900 | 4,100 |
| KS | 1,600 | 1,300 | 870 | 890 | 300 | 200 |
| KY | 1,500 | 1,200 | 330 | 260 | 130 | 100 |
| MI | 2,050 | 1,900 | 510 | 500 | 180 | 100 |
| MN | 3,000 | 2,800 | 3,200 | 3,000 | 1,400 | 1,300 |
| MO | 2,800 | 2,100 | 1,690 | 1,800 | 510 | 570 |
| NE | 1,900 | 1,800 | 2,800 | 2,500 | 1,050 | 980 |
| NC | 2,700 | 2,400 | 200 | 190 | 140 | 140 |
| OH | 4,600 | 4,000 | 1,300 | 1,500 | 530 | 550 |
| OK | 2,800 | 2,800 | 130 | 130 | 40 | 40 |
| PA | 2,500 | 2,450 | 500 | 520 | 200 | 200 |
| SD | 1,050 | 1,100 | 1,300 | 1,500 | 370 | 300 |
| WI | 2,600 | 2,100 | 890 | 870 | 230 | 180 |
| Oth Sts ² | 29,300 | 26,700 | 2,400 | 2,400 | 480 | 420 |
| US | 69,460 | 62,370 | 28,095 | 27,015 | 11,670 | 11,455 |

See footnotes at end of table.

--continued

U. S. Hog Operations
Number by Size Group, 1997-1998



**Hogs and Pigs: Number of Operations by Size Group, Selected
States, Region, and United States, 1997-98 ¹ (continued)**

| State | Operations Having | | | | | |
|-------------------------|-------------------|---------------|------------------|---------------|---------------|---------------|
| | 1,000-1,999 Head | | 2,000-4,999 Head | | 5,000+ Head | |
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| AR | 95 | 95 | 85 | 90 | 45 | 45 |
| GA | 60 | 40 | 40 | 50 | 30 | 20 |
| IL | 690 | 690 | 390 | 430 | 120 | 130 |
| IN | 520 | 580 | 330 | 360 | 110 | 120 |
| IA | 2,250 | 2,450 | 1,250 | 1,430 | 300 | 320 |
| KS | 110 | 90 | 80 | 80 | 40 | 40 |
| KY | 90 | 85 | 35 | 40 | 15 | 15 |
| MI | 130 | 150 | 100 | 120 | 30 | 30 |
| MN | 800 | 750 | 440 | 470 | 160 | 180 |
| MO | 270 | 230 | 170 | 240 | 60 | 60 |
| NE | 480 | 450 | 195 | 190 | 75 | 80 |
| NC | 240 | 240 | 650 | 650 | 570 | 580 |
| OH | 250 | 290 | 100 | 130 | 20 | 30 |
| OK | 50 | 50 | 50 | 50 | 30 | 30 |
| PA | 150 | 150 | 115 | 140 | 35 | 40 |
| SD | 150 | 160 | 70 | 80 | 60 | 60 |
| WI | 120 | 95 | 55 | 50 | 5 | 5 |
| Oth Sts ² | 300 | 260 | 200 | 170 | 120 | 130 |
| US | 6,755 | 6,855 | 4,355 | 4,770 | 1,825 | 1,915 |

¹ An operation is any place having one or more hogs and pigs on hand any time during the year.

² Individual State estimates not available for the 33 other States.

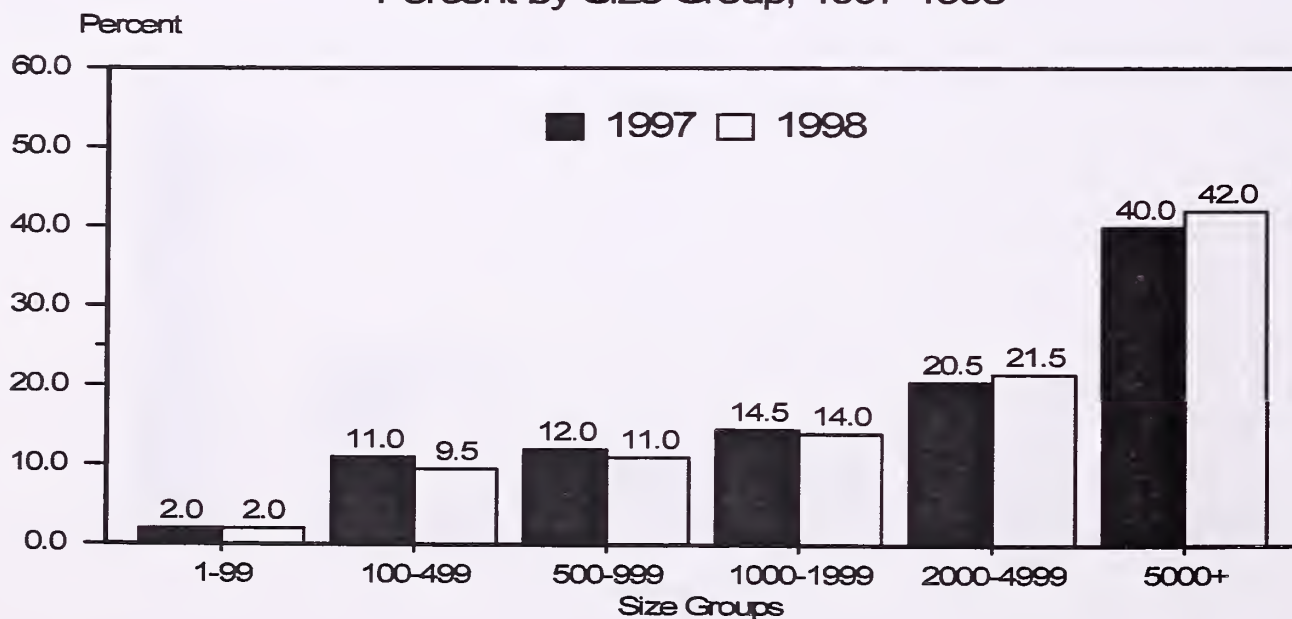
Hogs and Pigs: Percent of Inventory by Size Group, Selected States, Region, and United States, 1997-98 ¹

| State | Inventory on Operations Having | | | | | |
|-------------------------|--------------------------------|----------------|----------------|----------------|----------------|----------------|
| | 1-99 Head | | 100-499 Head | | 500-999 Head | |
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| AR | 2.0 | 2.0 | 2.0 | 2.0 | 7.0 | 7.0 |
| GA | 4.0 | 5.0 | 10.0 | 7.0 | 9.0 | 7.0 |
| IL | 2.0 | 1.5 | 14.0 | 10.5 | 17.0 | 15.0 |
| IN | 2.0 | 2.0 | 14.0 | 12.0 | 15.0 | 13.0 |
| IA | 1.0 | 0.5 | 12.0 | 9.5 | 17.5 | 15.0 |
| KS | 2.5 | 2.0 | 12.5 | 12.0 | 10.0 | 7.0 |
| KY | 4.0 | 3.0 | 13.0 | 12.0 | 16.0 | 13.0 |
| MI | 4.0 | 2.0 | 12.0 | 8.0 | 11.0 | 6.0 |
| MN | 1.5 | 2.0 | 13.0 | 11.0 | 15.5 | 13.0 |
| MO | 2.0 | 2.0 | 10.5 | 12.0 | 9.5 | 9.0 |
| NE | 2.0 | 1.5 | 19.5 | 17.5 | 19.5 | 19.0 |
| NC | 0.5 | 0.5 | 0.5 | 0.5 | 1.0 | 1.0 |
| OH | 7.0 | 6.0 | 22.0 | 21.0 | 22.0 | 18.0 |
| OK | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 1.5 |
| PA | 4.0 | 3.5 | 11.0 | 10.5 | 12.0 | 12.0 |
| SD | 2.5 | 2.5 | 22.0 | 22.0 | 16.0 | 12.5 |
| WI | 8.0 | 7.0 | 27.0 | 28.0 | 21.0 | 21.0 |
| Oth Sts ² | 6.5 | 5.0 | 9.5 | 8.0 | 6.0 | 6.0 |
| US | 2.0 | 2.0 | 11.0 | 9.5 | 12.0 | 11.0 |

See footnotes at end of table.

--continued

U. S. Hog Inventory
Percent by Size Group, 1997-1998



**Hogs and Pigs: Percent of Inventory by Size Group, Selected
States, Region, and United States, 1997-98 ¹ (continued)**

| State | Inventory on Operations Having | | | | | |
|-------------------------|--------------------------------|----------------|------------------|----------------|----------------|----------------|
| | 1,000-1,999 Head | | 2,000-4,999 Head | | 5,000+ Head | |
| | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| AR | 15.0 | 14.0 | 31.0 | 31.0 | 43.0 | 44.0 |
| GA | 11.0 | 11.0 | 22.0 | 24.0 | 44.0 | 46.0 |
| IL | 19.0 | 17.0 | 23.0 | 27.0 | 25.0 | 29.0 |
| IN | 18.0 | 17.0 | 24.0 | 24.0 | 27.0 | 32.0 |
| IA | 20.0 | 20.0 | 23.5 | 27.0 | 26.0 | 28.0 |
| KS | 9.0 | 8.0 | 14.0 | 12.0 | 52.0 | 59.0 |
| KY | 18.0 | 20.0 | 20.0 | 21.0 | 29.0 | 31.0 |
| MI | 18.0 | 20.0 | 25.0 | 34.0 | 30.0 | 30.0 |
| MN | 20.0 | 18.0 | 20.0 | 21.0 | 30.0 | 35.0 |
| MO | 10.0 | 7.0 | 14.0 | 15.0 | 54.0 | 55.0 |
| NE | 17.5 | 17.0 | 15.5 | 15.0 | 26.0 | 30.0 |
| NC | 4.0 | 3.5 | 22.0 | 21.5 | 72.0 | 73.0 |
| OH | 19.0 | 20.0 | 18.0 | 19.0 | 12.0 | 16.0 |
| OK | 4.0 | 3.5 | 8.0 | 6.5 | 82.0 | 85.0 |
| PA | 17.0 | 17.0 | 29.0 | 30.0 | 27.0 | 27.0 |
| SD | 13.0 | 12.0 | 12.5 | 15.0 | 34.0 | 36.0 |
| WI | 20.0 | 19.0 | 18.0 | 18.0 | 6.0 | 7.0 |
| Oth Sts ² | 8.5 | 7.5 | 13.5 | 14.0 | 56.0 | 59.5 |
| US | 14.5 | 14.0 | 20.5 | 21.5 | 40.0 | 42.0 |

¹ An operation is any place having one or more hogs and pigs on hand any time during the year. Percent reflect average distributions based primarily on mid-year surveys.

² Individual State estimates not available for the 33 other States.

Reliability of December 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of about 17,000 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 14,300 operations, 84 percent of the total sample, during the first-half of December by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of December 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "**Root Mean Square Error**" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 2.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 62.2 million head by more than 2.1 percent, or about 1,305,000 head. Chances are 9 out of 10 that the difference will not exceed 3.6 percent, or about 2,238,000 head (the 90 percent confidence level).

Reliability of December 1 Hog Estimates ¹

| Item | Root Mean Square Error | 90% Confidence Level | | Difference Between First and Latest Estimates | | | Quarters | |
|------------------------|---------------------------------|----------------------------|-------------------|---|-------------------|-------------------|--------------------------|--------------------------|
| | | | | Average | Smallest | Largest | First Above Latest | First Below Latest |
| | <i>Percent</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Number</i> | <i>Number</i> |
| All Hogs & Pigs | 2.1 | 3.6 | 2,238 | 940 | 47 | 2,820 | 10 | 10 |
| Pig Crop | 2.4 | 4.1 | 1,061 | 470 | 6 | 1,221 | 7 | 13 |
| Expected Farrowings | | | | | | | | |
| Next Quarter | 2.9 | 5.0 | 145 | 66 | 5 | 225 | 11 | 9 |
| Following | 5.1 | 8.8 | 254 | 110 | 17 | 380 | 12 | 8 |

¹ Based on quarterly records for the past 20 quarters.

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The next "Hogs and Pigs" report will be released at 3 p.m. ET on March 26, 1999.

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